

# 486 Series

# Single Stage High-Flow, Stainless Steel Body Scientific Reg



- Pressure ranges of 0-15 to 0-250 PSI are available to cater for a broad range of applications
- 316L stainless steel bar stock body
- Rear panel mountable
- 3000 PSI inlet pressure rating for safe use with high pressure cylinders
- PTFE diaphragm seal prevents gas contamination
- Internal equalization (ISOFLOW) provides constant delivery pressure at high flows
- 316L stainless steel diaphragm
- Can be use with corrosive gases

### Specifications:

**Max. Inlet Pressure:** 3000 PSI (210 BAR)

**Gauges:** 2" diameter brass

**Body Ports:** 1/2" FPT (inlet/outlet)  
1/4" FPT (gauge/relief valve)

**Helium Leak Integrity:** 1 x 10<sup>-8</sup> scc/sec

**Cv:** 1.0

**Weight:** 2.3 kg

### Materials:

**Body:** 316L stainless steel

**Bonnet:** Chrome plated die cast zinc

**Seat:** PCTFE

**Filter:** 40 micron 316L stainless steel

**Diaphragm:** 316L stainless steel

**Internal Seals:** PTFE

The 486 Series of regulators are designed for a wide and varied range of applications including high flow purging, semi-conductor manufacturing, manifold and line regulation.

### ORDERING INFORMATION

S486 - XXX - XXX - XXX

Series	Outlet Pressure	Inlet Fitting	Outlet Fitting	Options
486	15 (0-15 psi)	T10 (AS2473 Type 10)	8F (1/2" NPT Female)	Wall mount bracket
	40 (0-40 psi)	T20 (AS2473 Type 20)	8S (1/2" Tube)	
	120 (0-120 psi)	T30 (AS2473 Type 30)	12S (3/4" Tube)	
	200 (0-200 psi)	T50 (AS2473 Type 50)	Others by description	
	250 (0-250 psi)	T60 (AS2473 Type 60)		
		8F (1/2" NPT Female)		
		330 (CGA330)		
		350 (CGA350)		
		660 (CGA660)		
		Others by description		